| Ref<br># | Hits  | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|---|---|---------------------|---------|------------------|
| L1       | 135   | 84/36,730.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/06/27 08:43 |
| L2       | 55510 | (sens\$3 or transducer or pick\$3 or<br>transmit\$4 or detect\$3 or measur\$5<br>or receiv\$3 or convert\$3) near5<br>(vibrat\$3 or piezoelectric or<br>pressure or force or stress) near5<br>electric\$2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/06/27 08:44 |
| L3       | 40    | 1 and L2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/06/27 08:46 |
| S1       | 1181  | (84/723,104,178,296,600).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/06/23 14:30 |
| S2       | 55491 | (sens\$3 or transducer or pick\$3 or<br>transmit\$4 or detect\$3 or measur\$5<br>or receiv\$3 or convert\$3) near5<br>(vibrat\$3 or piezoelectric or<br>pressure or force or stress) near5<br>electric\$2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/06/27 08:44 |
| S3       | 630   | S2 and (string\$3 near5 vibrat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/06/23 15:43 |
| S5       | 56721 | "84"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/06/23 15:42 |
| S6       | 55491 | (sens\$3 or transducer or pick\$3 or transmit\$4 or detect\$3 or measur\$5 or receiv\$3 or convert\$3) near5 (vibrat\$3 or piezoelectric or pressure or force or stress) near5 electric\$2                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/06/23 15:43 |

| S7  | 630   | S6 and (string\$3 near5 vibrat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/23 15:43 |
|-----|-------|--|---|----|-----|------------------|
| S8  | 415   | S5 and S7  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/23 15:45 |
| S9  | 234   | S8 and (vibrat\$3 or stress or pressure or force or shak\$3) near5 electric\$2 near4 signal\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/23 15:47 |
| S10 | 68    | S9 and (string\$1 same fingerboard)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 09:27 |
| S11 | 55491 | (sens\$3 or transducer or pick\$3 or transmit\$4 or detect\$3 or measur\$5 or receiv\$3 or convert\$3) near5 (vibrat\$3 or piezoelectric or pressure or force or stress) near5 electric\$2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 09:27 |
| S12 | 630   | S11 and (string\$3 near5 vibrat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 09:27 |
| S13 | 108   | S12 and (string\$1 same fingerboard)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 11:04 |
| S14 | 0     | piezoelectric with vibrat\$3 with<br>electric same blastomeric same<br>buffer  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 09:51 |

| S15 | 0  | piezoelectric with vibrat\$3 with electric same blastomeric  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 09:52 |
|-----|----|--|---|----|-----|------------------|
| S16 | 15 | piezoelectric with vibrat\$3 with electric same buffer   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 09:54 |
| S17 | 9  | S13 and piezoelectric with vibrat\$3 with electric   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 10:01 |
| S18 | 35 | S12 and piezoelectric with vibrat\$3 with electric   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 10:14 |
| S19 | 1  | (string\$3 near4 instrument\$1 or<br>guitar or violin) and (piezoelectric or<br>pressure) with vibrat\$3 with electric<br>same vibrat\$3 with (top adj shell or<br>sound near3 board or main adj<br>body)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 10:17 |
| S20 | 8  | (string\$3 near4 instrument\$1 or<br>guitar or violin) and (piezoelectric or<br>pressure) with vibrat\$3 with electric<br>and vibrat\$3 with (top adj shell or<br>sound near3 board or main adj<br>body)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 10:41 |
| S21 | 2  | "6822156".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 10:22 |
| S22 | 38 | (string\$3 near4 instrument\$1 or<br>guitar or violin) and (piezoelectric or<br>pressure or pickup or sensor\$1)<br>with vibrat\$3 with electric and<br>vibrat\$3 with (top adj shell or sound<br>near3 board or main adj body or<br>soundboard) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 10:42 |

| S23 | 45    | (string\$3 near4 instrument\$1 or<br>guitar or violin) and (piezoelectric or<br>pressure or pickup or sens\$3 or<br>transducer) with vibrat\$3 with<br>electric and vibrat\$3 with (top adj<br>shell or sound near3 board or main<br>adj body or soundboard) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF · | 2005/06/24 11:03 |
|-----|-------|--|---|------|-------|------------------|
| S24 | 679   | 84/291.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/06/24 10:52 |
| S25 | 4     | S24 and vibrat\$3 with electric and vibrat\$3 with (top adj shell or sound near3 board or main adj body or soundboard)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/06/24 10:57 |
| S26 | 2     | "6861581".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/06/24 11:02 |
| S27 | 16371 | vibrat\$3 adj (member or plate)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/06/24 11:02 |
| S28 | 1114  | S27 and (piezoelectric or pressure or pickup or sens\$3 or transducer or force) with vibrat\$3 with electric   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/06/24 11:03 |
| S29 |       | S28 and (string\$1 same fingerboard)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/06/24 11:04 |
| S30 | 2     | "20030131721".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF   | 2005/06/24 14:15 |

| S31 | 1  | pressure near3 contact\$3 near5 soundboard  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 14:17 |
|-----|----|---|---|----|-----|------------------|
| S32 | 27 | (piezoelectric or pickup or sens\$3 or transducer\$1) near5 soundboard with (pressure or force or stress or vibrat\$3)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 14:31 |
| S33 | 2  | "5031501".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 14:29 |
| S34 | 33 | (piezoelectric or pickup or sens\$3 or<br>transducer\$1) near5 (pressure or<br>force or stress or vibrat\$3) same<br>(string\$2 same fingerboard) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 14:41 |
| S35 | 2  | "4649793".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 15:08 |
| S36 | 2  | "4535668".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/24 14:41 |